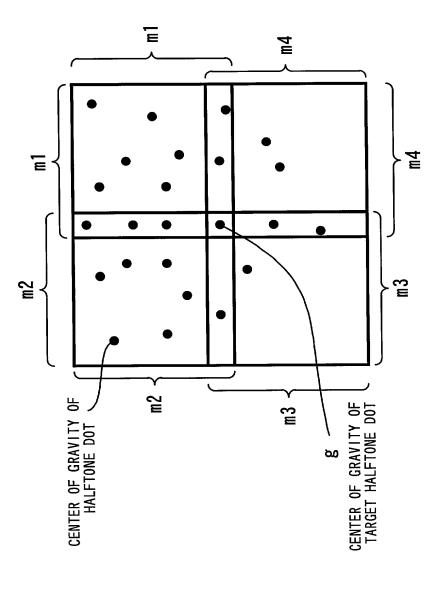


F1G. 1



F1G. 2

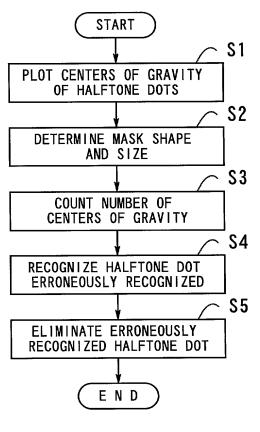
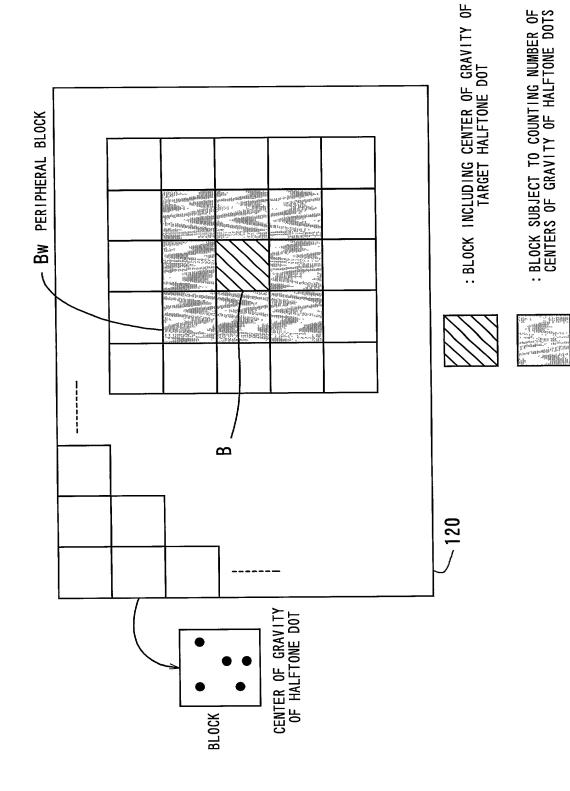
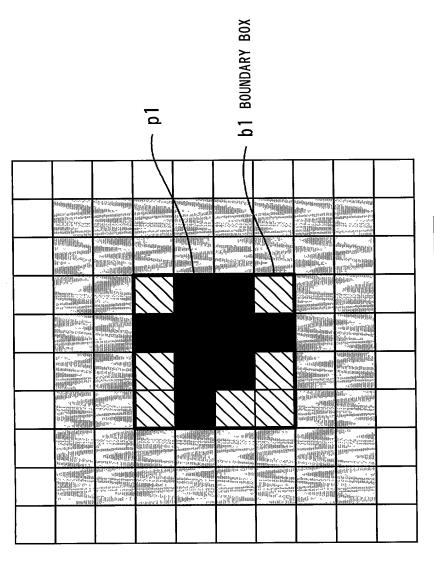


FIG. 3



F1G. 4

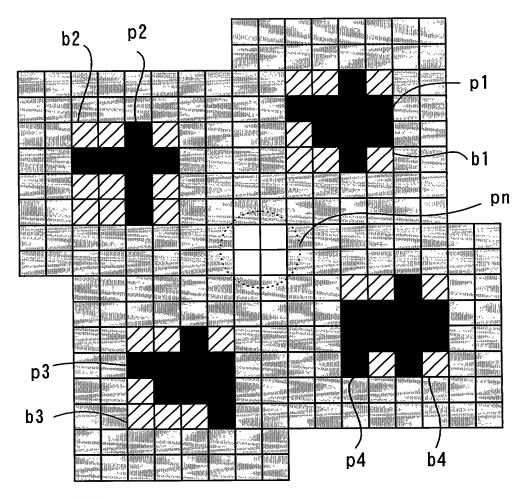


: PIXEL p1 THAT IS
ORIGINALLY HALFTONE DOT

: PIXEL PAINTED OUT BY EXPANSION PROCESS

: PIXEL THAT IS IN BOUNDARY BOX AND IS PAINTED OUT

F1G. 5



: PIXEL p1 THAT IS ORIGINALLY HALFTONE DOT

: PIXEL PAINTED OUT BY EXPANSION PROCESS

: PIXEL THAT IS IN BOUNDARY BOX AND IS PAINTED OUT

FIG. 6

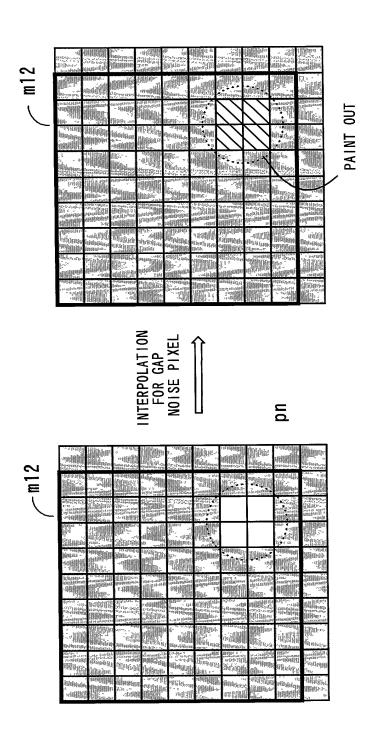
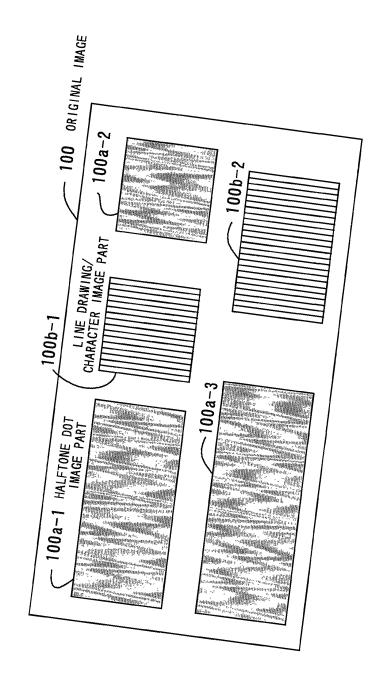
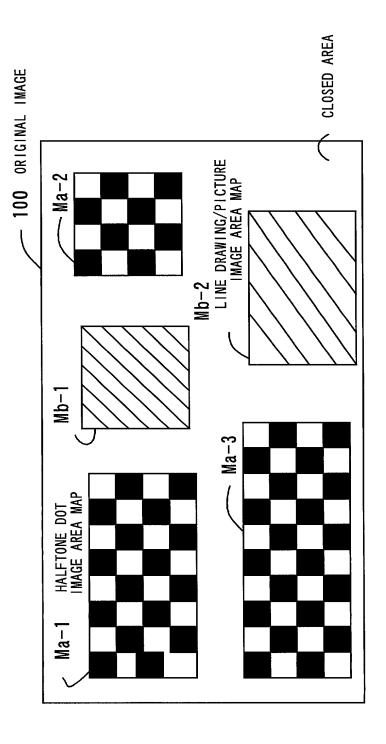


FIG. 7



F1G. 8



F1G. 9

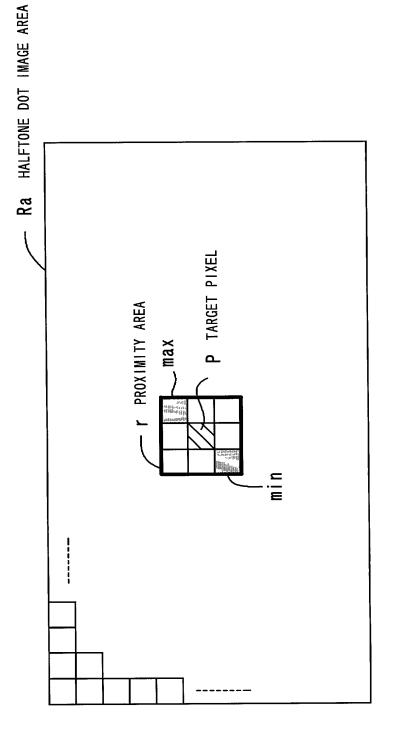


FIG. 10

r1 PROXIMITY AREA

1 0 0 5 0 8 0

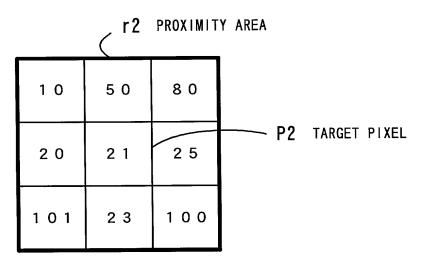
2 0 0 2 0 1 2 0 5

2 1 0 2 3 0 1 0 0

CHANGED PIXEL VALUE Pa=230 (MAXIMUM PIXEL VALUE AVAILABLE IN PROXIMITY AREA) * α

0. $0 < \alpha \le 1$. 0

FIG. 11



CHANGED PIXEL VALUE Pb=230 (MINIMUM PIXEL VALUE AVAILABLE IN PROXIMITY AREA) * β

1. $0 \le \beta$

FIG. 12

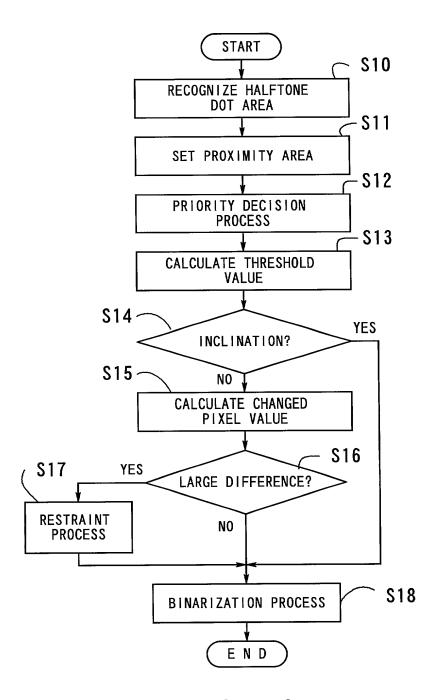


FIG. 13

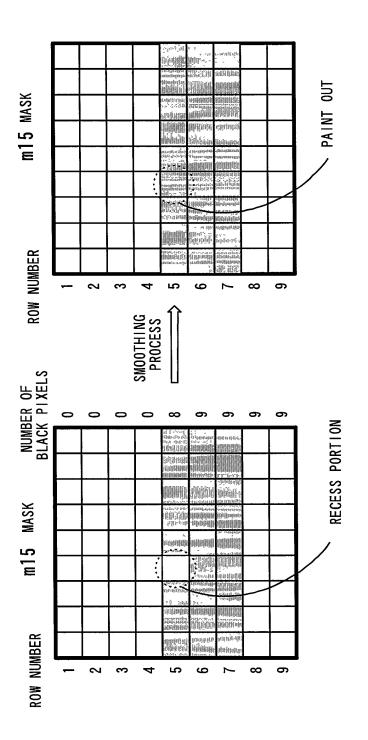


FIG. 14

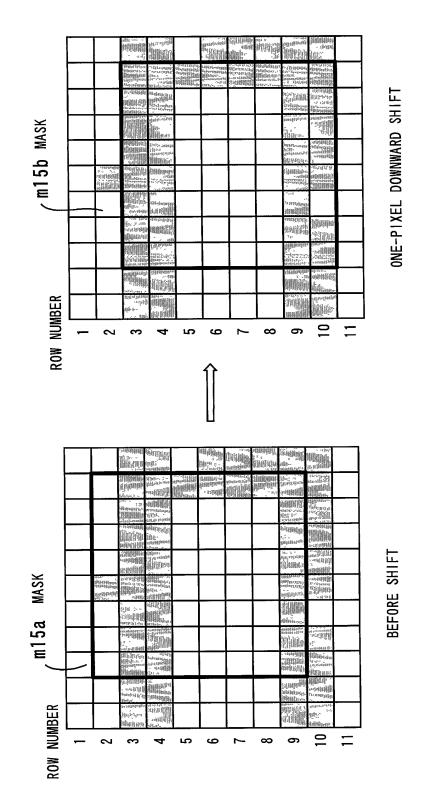


FIG. 15

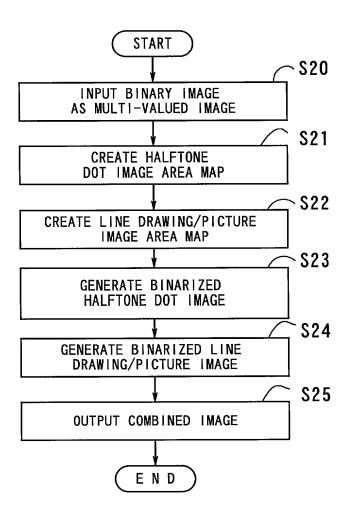


FIG. 16